Signature

PTO/SB/05 (01-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

	<u> </u>
Attorney Docket No.	IB-1888P
First Inventor	Ian G Brown
Title	Growth of Large Patterned Arrays of Neurons ()
Express Mail Label No.	EV240599132US

Date

(5)		Express Mail Laber No. L. V.	24037713200		
See MPEP o	APPLICATION ELEMENTS thapter 600 concerning utility patent application contents.	ADDRESS TO: Con	Stop Patent Application nmissioner for Patents . Box 1450 candria VA 22313-1450		
(Submit 2. X Applica See 37 Specific (preferre - Descrip - Cross - Staterr - Refere or a co - Backgr - Brief S - Brief D - Detaile - Claim(and arrangement set forth below) ptive title of the invention Reference to Related Applications nent Regarding Fed sponsored R & D noe to sequence listing, a table, imputer program listing appendix round of the Invention inummary of the Invention description of the Drawings (if filed) and Description	Computer Program (A. 8. Nucleotide and/or Amino (if applicable, all necessa a. Computer Read b. Specification Si . CD-ROM ii. Paper c. Statements ver	Acid Sequence Submission		
4. X Drawin 5. Oath or Decl a. Nev b. Cop (for i. I	g(s) (35 U.S.C. 113) [Total Sheets 7] aration [Total Sheets] why executed (original or copy) by from a prior application (37 CFR 1.63(d)) continuation/divisional with Box 18 completed) DELETION OF INVENTOR(S) Bigned statement attached deleting inventor(s) tame in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). Cation Data Sheet. See 37 CFR 1.76	10. 37 CFR 3.73(b) Sta (when there is an a English Translation Information Disclos Statement (IDS)/P 13. Preliminary Amend 14. X Return Receipt Pos (Should be specific Certified Copy of P (if foreign priority is Nonpublication Rec (b)(2)(B)(i). Applica or its equivalent. Other:	Attomey Document (if applicable) Sure Copies of IDS FO-1449 Citations Iment Steard (MPEP 503) Steard (imper		
specification foll	IUING APPLICATION, check appropriate box, and supplement that the title, or in an Application Data Sheet under 3:	7 CFR 1.76:			
Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS					
X Custome	or Number: 08076	OR L	Correspondence address below		
Name					
Address					
City		State	Zip Code		
Country	T	elephone	Fax		
Name (Print/Tvr	Devid Aston	Registration No. (Attorney/Age	201) 20 051		

This collection of information is required by 37 CFR 1.53(b)/The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/17 (10-03)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE	TRANSI	MITTAL
1	for FY 20	004

Effective 10/01/2003. Patent fees are subject to annual revision.

X Applicant claims small entity status. See 37 CFR 1.27 (\$) 375.00 **TOTAL AMOUNT OF PAYMENT**

Complete if Known				
Application Number				
Filing Date	March 24, 2004			
First Named Inventor	Ian G Brown			
Examiner Name	Not yet assigned			
Art Unit				
Attorney Docket No.	IB-1888			

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)				
Check Credit card Money Other None		3. ADDITIONAL FEES				
Order U and U		Entity	Smal	I Entity	!	
X Deposit Account:		Fee	Fee	Fee	Fee Description	
Deposit Account 120690	1051	(\$) 130	Code 2051	***	Surcharge - Inte filing fee or ooth	Fee Paid
Number Deposit	1052	50	2052		Surcharge - late filing fee or oath Surcharge - late provisional filing fee or	
Account Name	1052	50	2052	20	cover sheet	
The Director is authorized to: (check all that apply)	1053	130	1053		Non-English specification	
X Charge fee(s) indicated below Credit any overpayments		2,520	1812	2,520	For filing a request for ex parte reexamination	\vdash
Charge any additional fee(s) or any underpayment of fee(s)	1804	9201	1804	920*	Requesting publication of SIR prior to Examiner action	
Charge fee(s) indicated below, except for the filling fee	1805	1.840	1805	1.840°	Requesting publication of SIR after	
to the above-identified deposit account.		.,		.,-	Examiner action	\vdash
FEE CALCULATION	1251	110	2251		Extension for reply within first month	
1. BASIC FILING FEE	1252	420	2252		Extension for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension for reply within fourth month	
1001 770 2001 205 Hillies Silver for	1255	2,010	2255	1,005	Extension for reply within fifth month	
1002 340 2002 170 Design filing fee 375.00	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing brief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 375.00	1452	110	2452	55	Petition to revive - unavoidable	
		1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 20 -20** = 0 X = 0	1503	640	2503	320	Plant issue fee	
Claims 2 -3" = 0 X = 0	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be	
1204 86 2204 43 ** Reissue independent claims over original patent		770	2801	385	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1801 1802	900	1802		Request for expedited examination of a design application	
		Other fee (specify)				
**or number previously paid, if greater; For Reissues, see above	*Red	uced by	/ Basic	Filing F	ee Paid SUBTOTAL (3) (\$)	

SUBMITTED BY (Complete (if applicable) Registration No. 28,051 Telephone 1-510-495-2839 Name (Print/Type) David J Aston March 24, 2004 Date Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.